CAAM 553 – Fall 2015

Instructor and general information

Instructor:	Adrianna Gillman
Office:	DCH 3022
Office hours:	MW 10-11am or by appointment
Contact:	713-348-5665 (phone) or adrianna.gillman@rice.edu (email)
Lecture times:	MWF 9-9:50 am
Lecture location:	DCH 1075

Note that you do not need an appointment to attend regularly-scheduled office hours. If you have a conflict you may make an appointment to meet outside those times.

Textbooks:	*An Introduction to Numerical Analysis* by E. Suli and D. Mayers
	Numerical Linear Algebra by L. Trefethen and D. Bau
	Lecture Notes by Mark Embree
Additional reading:	*Matrix Computations* by G.H. Golub and C.F. VanLoan.
	Numerical Computing in IEEE Floating point Arithmetic by M.L. Overton.
	Additional reading may be suggested throughout the term.

I strongly recommend you do the suggested reading in advance of lecture.

Homework: Weekly homeworks are due Friday at start of lecture (unless otherwise noted). You are encouraged to discuss the non-pledged problems on these assignments, but the final write-up (including computer codes) should be your own work. As a rule of thumb, you should spend at least an hour on each problem independently before collaborating with others. I strongly suggest you try at least some of the relevant homework problems before the next lecture (leaving it all for Thursday night risks you getting left behind in this fast-paced course.) Please make your working/reasoning as clear as you can, write clearly, and staple your work. Late homework will not be accepted (unless by prior arrangement for a valid, and exceptional, reason). Your lowest HW score will be dropped, i.e. you get a 'free' HW.

For pledged homework problems, you are allowed to you reference the course texts and lecture notes. No internet or other resources are allowed unless specified in the directions for the assignment.

Exams

There are two scheduled exams, one midterm, and one final. Each exam will be a four hour take-home similar to the format of the qualifying exam.

	Midterm	Final
Assigned	Wednesday, October 14	Wednesday, December 7
Due	Friday, October 16	Friday, December 9

If you have a conflict with a scheduled exam contact your instructor as soon as possible.

Grades

Grades will be assigned based on homework and exams as follows.

Component	Percentage
Homework	50
Midterm	25
Final	25
Total	**100**

Note on Disability Based Accommodations
If you have a documented disability that will impact your work in this class, please contact us to discuss your needs. Additionally, you will need to register with the Disability Support Services Office in the Ley Student Center.

The Honor Principle
Unless noted otherwise, you are encouraged to discuss regular homework problems with fellow classmates. You are expected, however, to individually write up your solutions. On pledged problems, you are not allowed to discuss homework with fellow students. You are never allowed to share computer codes for assignments. Each student is responsible for writing their own codes. You may not consult solution sheets from past CAAM courses.